

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Examiner: Chang Yu Wang

For: *POLYHYDROXYALKANOATE NERVE REGENERATION DEVICES*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56 and 37 C.F.R. § 1.97, Applicants submit a Supplemental Information Disclosure Statement, including two (2) pages of Form PTO-1449, and copies of eleven (11) documents cited therein. Pursuant to the waiver in the notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003" published on August 5, 2003 in 1273 OG 55, copies of U.S. Patents and Published Applications are not enclosed. Copies will be provided upon request, however.

This Supplemental Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c) after a first Office Action on the merits. The Commissioner is authorized to charge \$180.00, the fee set forth under 37 C.F.R. § 1.17(p), to Account No. 50-3129. It is believed that no additional fee is required with this submission. However, should an additional fee be

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required, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-3129.

#### U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
4,205,399	06-03-1980	Jamiolkowski	
4,537,738	08-27-1985	Holmes	
5,271,961	12-21-1994	Mathiowitz, et al.	427/213.31
5,443,458	08-22-1995	Eury	604/891.1
5,516,883	05-14-1996	Hori, et al.	528/354
5,789,536	08-04-1998	Liggat, et al.	528/503
6,555,123	04-2003	Williams, et al	424/423
6,610,764	08-2003	Martin, et al	523/124

#### U.S. Patent Applications

<u>Number</u>	<u>Publication Date</u>	<u>Inventor</u>	<u>Class/Subclass</u>
2003/0211131	11-13-2003	Martin, et al.	424/426

#### Foreign Documents

<u>Number</u>	<u>Publication Date</u>	<u>Patentee</u>	<u>Country</u>
2,298,421	02-10-2000	Mahmood, et al	CA
0 349 505	03-01-1990	Astra Meditec AB	EP
1,266,984	12-18-2002	Kaneka Corp	EP
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WO 05/002472	01-13-2005	Astra Tech AB	PCT

#### Publications

DOMB, et al., Handbook of Biodegradable Polymers (Harwood Academic Publishers:Amsterdam, The Netherlands, 1997).

GRIEBEL, et al., "Metabolism of poly-beta-hydroxybutyrate. I. Purification, composition, and properties of native poly-beta-hydroxybutyrate granules from *Bacillus megaterium*", *Biochemistry*, 7:3676-3681 (1968).

GROSS, et al., "Polymerization of  $\beta$ -Monosubstituted- $\beta$ -propiolactones Using Trialkylaluminum-Water Catalytic Systems and Polymer Characterization," *Macromolecules* 21:2657-68 (1988).

GUGALA, et al., Regeneration of segmental diaphyseal defects in sheep tibiae using resorbable polymeric membranes: a preliminary study," *J. Orthop. Trauma.* 13(3):187-95 (1999).

LAMBA, et al., Polyurethanes in Biomedical Applications (CRC Press:Boca Raton, Florida, 1998).

### Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

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